

Top Ten Highest Historical Crests: Ramapo River at Pompton Lakes

Latitude: 40.993

Period of Record: 1882-Present

Longitude: -74.279

Flood Stage: 11.5

Last Flood: 9/8/2011

Total Number of Floods: 97

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
8/28/2011	22.61	17,800	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
3/14/2010	18.05	11,000	A low pressure system dumped heavy rain across the region with totals ranging from 1 - 3 inches in most of the area and 3 - 7 inches in New Jersey. The rainfall, combined with the melting snowpack caused significant flooding throughout the Mid-Atlantic.
4/16/2007	16.99	9,930	Two low successive low pressure systems produced rain and snow that caused flooding. Warm temperatures after the passage of the second low led to snowmelt and additional flooding.
3/11/2011	16.72	9,650	Two successive rainstorms produce 1 to 4 inches followed by 1 to 5 inches. Some spots in NJ picked up over 8 inches.
3/7/2011	15.83	8,710	Two successive rainstorms produce 1 to 4 inches followed by 1 to 5 inches. Some spots in NJ picked up over 8 inches.
4/5/1984	15.21	15,400	An unusually wet winter and frozen ground preceded the passage of a low pressure system. The system dumped over an inch of rain throughout the area, but portions of New Jersey received up to 8 inches of rain.
9/16/1999	14.90	14,000	Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.
10/9/2005	14.40	7,130	Tropical Storm Tammy was absorbed into a cold front and produced 2-day rainfall totals of 4 to 7 inches. Flooding was reported in the Raritan, Passaic, Delaware and Lower Main Stem Susquehanna Basins.
10/16/1955	14.40	12,000	A slow moving cold front produced heavy rainfall over a several day period.

Drainage Area: 160 sq mi

Gage Datum: 171.35 ft MSL

Passaic Basin

County of Gage: Passaic

County of Forecast Point: Passaic

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
9/8/2011	14.33	7,090	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.

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Passaic Basin

County of Gage: Passaic
County of Forecast Point: Passaic